Mathematical Optimization for Logistics Operations

We support market leaders in key areas of their operations allowing them to improve their efficiency and reduce their logistics costs

Global partners who trust our solutions

Our global customer base is made up of market leaders in different industry sectors - semiconductors, electronics, ports, automotive. We have a track record of successful deployments across the globe.
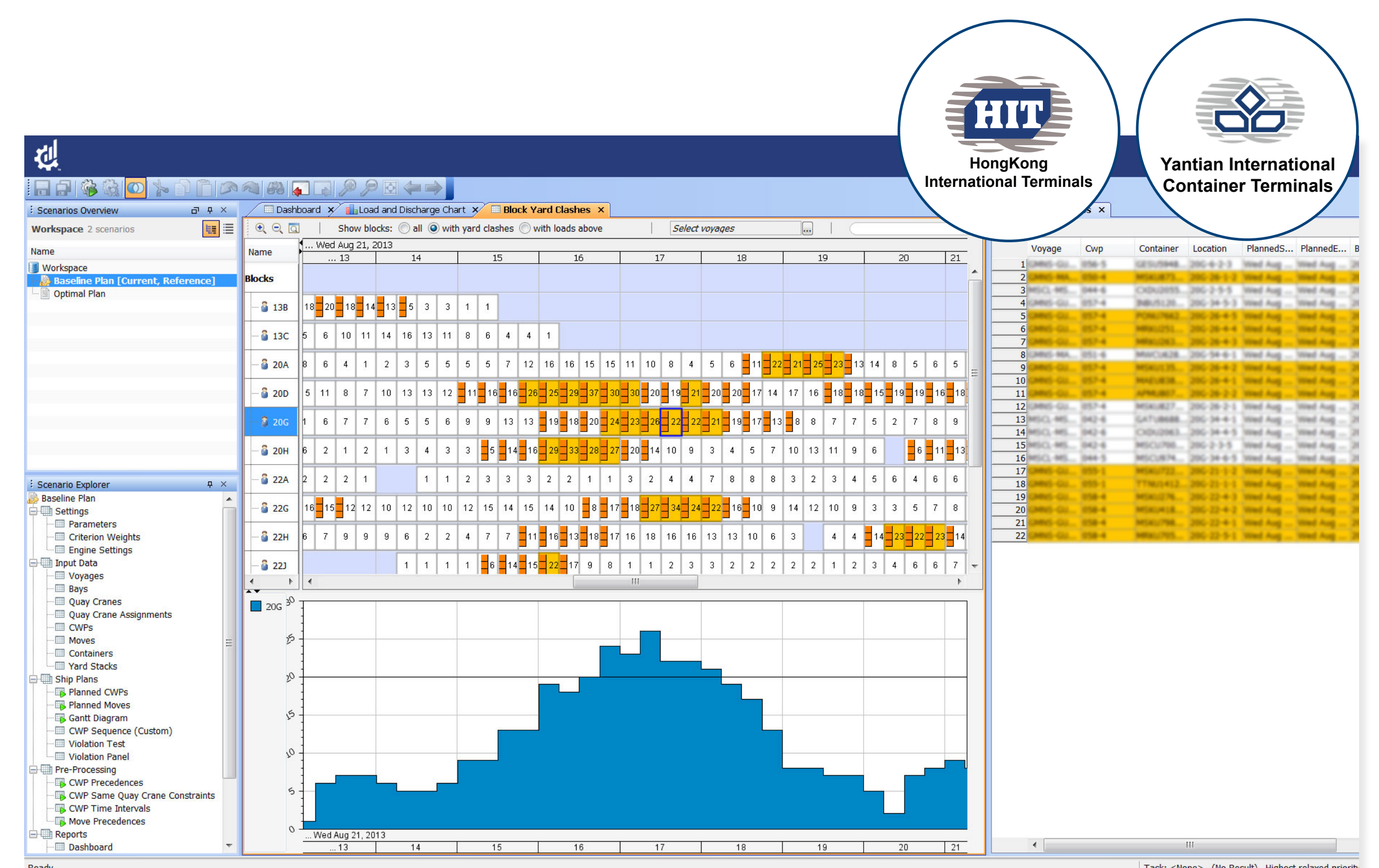

📍 **DEPLOYMENTS**
📍 **CUSTOMERS**

Case Study: Port of HK and Port of Shenzhen

Load/Discharge Sequencing Optimization

Limited availability of Yard space and Quay cranes lead to reshuffling, congestions and loading delays. *Define the loading sequence of containers from the yard to the vessels.*

Multi-Vessel Optimization

Limited availability of Yard space and high volume of empty containers often lead to delays and congestions. *Improve the coordination between Quay and Yard across all vessels.*

Case Study: Leading car manufacturer

Routing and Truck loading Optimization

- Plan delivery of spare parts from suppliers to assembly plants, in sequence and just-in-time
- Minimize total transportation costs (driver, truck, fuel, ...)
- Optimize position of pallets within each truck, considering specific truck characteristics

DecisionBrain™